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|      |      |       |    |

Application/Control No.

Applicant(s)/Patent under Reexamination

10/773,234

KAGAMI ET AL.

Examiner

Art Unit

Tai Van Nguyen

3729

| √  | Rejected |
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| 11 | Allowed  |

- (Through numeral) Cancelled

Restricted

Non-Elected

Interference

A Appeal
O Objected

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| Cla  | aim                                     |            | Date     |  |   |          |  |          |              |          |  |  |
|  | 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | Q          |          |  | Π   | Г        |  |          |              |          |  |  |
| a  | 22 .                                    | Ľ          | 1        |  |   |          |  |          |              |          |  |  |
| Final  | E                                       | 2          | -        |  |   |          |  |          |              |          |  |  |
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|  | 1                                       | 1.         | ۲        | $\vdash$   | $\vdash$  | $\vdash$ | H  | H        | ┢            | Н        |  |  |
|  | Ä                                       | ۲,         | -        | -  | $\vdash$  | -        |  | -        | $\vdash$     | Н        |  |  |
|  | 1 =                                     | 1          | ⊢        |  |   | -        |  | $\vdash$ | ┝            |          |  |  |
|  | 3                                       | ×          | <u> </u> | <u> </u>   | ļ   | _        | _  | H        | <u> </u>     | _        |  |  |
|  | 4                                       | V          | ╙        | <u> </u>   | ┡   | $\vdash$ | L  | L        | _            | Ш        |  |  |
|  | 5                                       | O,         | <u>_</u> | <u> </u>   | L   | _        |  |          | $\perp$      | Ш        |  |  |
|  | 6_                                      | V          | <u> </u> |  | L   | L.       |  |          |              | Щ        |  |  |
| Ŀ  | 0                                       | M          |          |  |   |          |  | L        |              |          |  |  |
|  | 8                                       | Ш          |          |  |   |          |  |          |              |          |  |  |
|  | 9                                       | Π          |          |  |   |          |  |          |              |          |  |  |
|  | 10                                      | П          |          | Г  |   |          |  |          |              |          |  |  |
|  | 11                                      | П          |          |  |   |          |  |          |              | П        |  |  |
|  | 10<br>11<br><b>2</b>                    | N          |          |  |   | Г        | Г  |          | Г            | П        |  |  |
| $\vdash$   | 13                                      | ΪŤ         | $\vdash$ |  | T   | _        |  | Г        | Т            | Н        |  |  |
|  | 13<br>14<br>15<br>16                    | Н          | $\vdash$ | $\vdash$   | $\vdash$  | $\vdash$ | <del>                                     </del> |          | $\vdash$     | Н        |  |  |
| <del> </del>                                     | 15                                      | Н          | Н        |  | Н   | Н        | $\vdash$   | -        | <del> </del> |          |  |  |
| <b></b>  | 16                                      | Н          | $\vdash$ | $\vdash$   | Н   | $\vdash$ |  |          |              | Н        |  |  |
| ├─   | 17                                      | Н          | -        | ┢  |   | $\vdash$ |  | $\vdash$ | $\vdash$     | Н        |  |  |
| ┝  | 17<br>18<br>19                          | ₩          | -        | $\vdash$   | -   | ┝        | $\vdash$   | $\vdash$ | $\vdash$     | Н        |  |  |
| ├─   | 10                                      | H          | -        |  | -   | $\vdash$ | H  |          | ⊢            |          |  |  |
|  | 19                                      | ₩          | <u> </u> | -  | -   | -        | ├  | H        | <u> </u>     | -        |  |  |
| ⊢—   | 20                                      | 4          |          | <u> </u>   | ļ   | $\vdash$ | _  | L        | ⊢            | Н        |  |  |
|  | 21<br>(22)                              | 1,         | ļ        | _  | _   | _        | -  |          | <u> </u>     | Н        |  |  |
|  | (22)                                    | Ņ          | <u> </u> | ╙  | _   | <u> </u> | <u> </u>   | _        | <u> </u>     |          |  |  |
| <u> </u>   | 23<br>24<br>25                          | 1          | _        | _  |   | L        | _  | _        | <u> </u>     |          |  |  |
|  | 24                                      | Щ          | <u> </u> | <u> </u>   | L   | _        |  |          | L.           |          |  |  |
|  | 25                                      | Ш          |          | L.   | L   |          |  |          |              | Ш        |  |  |
| L  | 26<br>27                                | L          |          | L.,  |   |          |  |          |              | Ш        |  |  |
| L  | 27                                      | L          | L        |  |   |          |  |          |              | Ш        |  |  |
|  | 28                                      |            |          |  |   |          |  |          |              |          |  |  |
|  | 29                                      | $\Gamma$   |          |  |   |          |  |          |              |          |  |  |
|  | 30                                      | П          |          | -  |   |          |  |          |              |          |  |  |
|  | 31                                      | П          |          |  |   |          |  |          |              | П        |  |  |
|  | 32                                      | П          |          |  |   |          |  |          |              | П        |  |  |
|  | 33                                      | П          |          |  |   |          | Г  |          |              | П        |  |  |
| T  | 34                                      | П          |          | Г  | Г   |          |  |          |              | П        |  |  |
| <b></b>  | 35                                      | 1          |          |  | Г   |          | Г  |          |              | П        |  |  |
| <b></b>  | 36                                      | 廾          | $\vdash$ | <del>                                     </del> | <del>                                     </del>  |          |  | $\vdash$ | $\vdash$     | Н        |  |  |
| $\vdash$   | 37                                      | H          | <u> </u> | <del> </del>                                     | <del>                                     </del>  | М        | _  | $\vdash$ | _            | Н        |  |  |
| <del>                                     </del> | 38                                      | #          |          | $\vdash$   | Η.  | Н        | $\vdash$   | $\vdash$ | $\vdash$     | Н        |  |  |
| <b></b> -  | 39                                      | ╫          |          | $\vdash$   | ╁   | $\vdash$ | <del>                                     </del> | -        | _            | Н        |  |  |
| <u> </u>   | 40                                      | 1/2        | $\vdash$ | $\vdash$   | ╁   | _        | -  | -        | $\vdash$     | Н        |  |  |
| ├  | 41                                      | ₩.         | ├        | ├-   | H   | $\vdash$ | $\vdash$   | $\vdash$ | <del> </del> | ₩        |  |  |
| ├──  | 41                                      | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$  | $\vdash$ | $\vdash$   | $\vdash$ | -            | ├─┤      |  |  |
| <u> </u>   |   | -          | <u> </u> |  | -   |          | $\vdash$   | <b>-</b> | $\vdash$     | Н        |  |  |
| <u> </u>   | 43                                      |            | _        | ├-   | H   | H        | $\vdash$   | H        | <u> </u>     | $\vdash$ |  |  |
| <u> </u>   | 44                                      | <u> </u>   | _        | $\vdash$   | <b> </b>  | $\vdash$ | -  | $\vdash$ | <u> </u>     | Щ        |  |  |
| <b> </b>   | 45                                      | <b> </b> _ | <u> </u> | ⊢  | ⊢-  | $\vdash$ | <b> </b>   | H        | <u> </u>     | Ш        |  |  |
| <u> </u>   | 46                                      | oxdot      | ldash    | <u> </u>   | <u> </u>  | L_       | <u> </u>   | <u> </u> | <u> </u>     | Ш        |  |  |
| <u> </u>   | 47                                      | <u> </u>   |          | <u> </u>   | $ldsymbol{ldsymbol{\sqcup}}$  | Ш        | $\vdash$   | Щ        | <u> </u>     | Ш        |  |  |
| L  | 48                                      | L          | L        |  | L   |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$     |          |              | LJ       |  |  |
|  | 49                                      |            | Ĺ        | L  | $ldsymbol{ld}}}}}}$ |          |  |          |              |          |  |  |
|  |   | T          |          |  |   |          |  |          |              |          |  |  |

| Cla      | Claim    |          | Date         |  |          |          |  |   |  |                |
|----------|----------|----------|--------------|--|----------|----------|--|---|--|----------------|
|          |          |          |              |  |          |          |  |   |  | П              |
| <u></u>  | Original | ŀ        |              |  |          |          |  |   |  |                |
| Final    | Ë        |          |              |  |          |          |  |   |  |                |
| -        | 0        |          | l            |  |          |          | 1  |   |  |                |
| <b>—</b> |          | $\vdash$ | -            | ⊢  | _        | -        |  | -   | $\vdash$   | -              |
| -        | 51       | ⊢        | _            |  | Н        | _        | ┝  |   | <u> </u>   | Н              |
| <u> </u> | 52       | <u> </u> | <u> </u>     | lacksquare                                       |          | _        |  |   | <u> </u>   |                |
| <u> </u> | 53       | Щ        | <u> </u>     | <u> </u>   |          | _        | _  | $oxed{oxed}$  | Ш  |                |
|          | 54       | <u> </u> | L.           |  |          |          | L  |   | _  | Ш              |
| L        | 55       |          |              |  |          |          |  |   |  | Ш              |
|          | 56       |          | l            |  |          |          |  |   |  |                |
| 1        | 57       |          |              |  |          |          |  |   |  |                |
|          | 58<br>59 |          |              | Г  |          |          | Г  |   |  |                |
|          | 59       | Т        |              | Г  |          |          |  |   |  |                |
|          | 60       |          |              | m  |          |          | Н  |   | _  | П              |
| -        | 61       | ┢        | $\vdash$     | H  | $\vdash$ |          | $\vdash$   |   |  | Н              |
| 1        | 62       | $\vdash$ | $\vdash$     | Н  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$  | <del></del>                                      | Н              |
| -        | 63       | ┝        | $\vdash$     | $\vdash$   | Н        | $\vdash$ | $\vdash$   | $\vdash$  | $\vdash$   | Н              |
| <u> </u> | 64       | $\vdash$ | -            | ⊢  | ⊢        |          | -  | -   | -  | $\vdash\vdash$ |
| <u></u>  | 64       | <u> </u> | -            | <u> </u>   | <u> </u> | <u> </u> |  | <u> </u>  | <u> </u>   | Н              |
| <u> </u> | 65       | L.       |              | <b> </b>   | <u> </u> | L        | <u> </u>   | <u> </u>  | <u> </u>   | Ш              |
|          | 66       | L        |              | Ш  | Щ        | L_       | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | <u> </u>   | Щ              |
|          | 67       |          |              | لــــا   |          |          | _  | _   | L_   | Ш              |
|          | 68       | <u> </u> |              |  | L        |          |  |   |  | $\bigsqcup$    |
|          | 69<br>70 |          |              |  |          |          |  |   |  |                |
|          | 70       |          |              |  |          |          |  |   |  |                |
|          | 71       |          | Г            |  |          |          |  | Г   | Г  | П              |
|          | 72<br>73 |          |              |  |          |          |  |   |  |                |
|          | 73       | $\vdash$ | Т            | П  | $\vdash$ |          | -  |   |  | H              |
|          | 74       | _        | $\vdash$     |  | $\vdash$ | _        | -  |   | -  | Н              |
| <b>—</b> | 75       | _        | $\vdash$     |  | 一        | _        | -  |   | $\vdash$   | Н              |
| $\vdash$ | 76       | $\vdash$ | $\vdash$     | -  | -        | $\vdash$ | ┢  | $\vdash$  | $\vdash$   | Н              |
| $\vdash$ | 77       |          | $\vdash$     | <del>                                     </del> | _        |          | $\vdash$   | ┝   | $\vdash$   | Н              |
| $\vdash$ | 77<br>78 | $\vdash$ | $\vdash$     | $\vdash$   |          |          | <del>  -</del>   |   | $\vdash$   | Н              |
| $\vdash$ | 79       | -        | -            | -  |          | $\vdash$ | ├─   | _   | -  | Н              |
| -        |          |          | $\vdash$     | _  |          |          | $\vdash$   | ⊢   | ⊢  | Н              |
| <b></b>  | 80       |          | ⊢            | H  | -        |          |  | $\vdash$  | ⊢  | $\vdash$       |
|          | 81       | Ь.       | _            |  | H        | <u> </u> | -  | _   | -  | Н              |
|          | 82       | L        | <u> </u>     | $\vdash$   | _        | <u> </u> | <u> </u>   |   | <u> </u>   | Щ              |
| <u> </u> | 83       | $\vdash$ | <u> </u>     | <u> </u>   | ļ        | <u> </u> | <u> </u>   | <u> </u>  | <u> </u>   | Ш              |
|          | 84       | L        | _            | Ш  | L_       | L        | L_   | <u> </u>  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | Ш              |
|          | 85       |          | <u> </u>     | L.   | L.       | L_       | <u> </u>   | $ldsymbol{le}}}}}}$ | L_   | Ш              |
| L        | 86       |          |              | Ĺ  |          | L        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |   | L  | Ш              |
|          | 87       |          | L            |  |          | L        | L  | L   |  |                |
|          | 88       |          |              |  |          |          |  |   |  |                |
|          | 89       |          | П            | Г  |          |          | Г  |   |  |                |
|          | 90       |          |              | Г  | Г        |          |  |   |  |                |
|          | 91       | Т        | 1            |  |          |          | Г  |   | Г  | П              |
|          | 92       |          | Т            |  |          |          | Г  | $\vdash$  | Г  | П              |
|          | 93       |          | $t^-$        | Т  | T-       | $\vdash$ | <del>                                     </del>   | T   | T  | П              |
|          | 94       | $\vdash$ | ┢            | _  |          | $\vdash$ |  | $\vdash$  | Ι  | $\vdash$       |
| -        | 95       | $\vdash$ | $\vdash$     | <del>                                     </del> | Н        | $\vdash$ | $\vdash$   | $\vdash$  | <del>                                     </del> | Н              |
| _        | 96       | $\vdash$ | $\vdash$     | $\vdash$   |          | -        | $\vdash$   | $\vdash$  | <del> </del>                                     | H              |
|          | 97       | -        | <del> </del> | -  | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$  | -  | H              |
|          |          | -        | ╁            | $\vdash$   | $\vdash$ | -        | $\vdash$   | -   | $\vdash$   | H              |
| -        | 98<br>99 | ├-       | -            | -  | H        | $\vdash$ | ⊢  | -   | -  | H              |
| <b> </b> | 100      | ├        |              | 1  | $\vdash$ | $\vdash$ | ├-   | ├-  | $\vdash$   | H              |
|          | 100      | L_       | L            |  | Щ.       | L        | L  | L   | Щ.   | لــا           |

| Cla      | Date                                   |              |              |  |              |          |              |          |          |                 |
|----------|--|--------------|--------------|--|--------------|----------|--------------|----------|----------|-----------------|
|          |  |              |              |  |              |          |              |          |          | $\sqcap$        |
| Final    | Original                               |              |              |  |              |          |              |          |          |                 |
|          | 101<br>102<br>103                      | _            |              | <u> </u>   | $\vdash$     |          | Г            |          | _        | П               |
|          | 102                                    |              |              |  |              |          |              |          |          |                 |
|          | 103                                    |              |              |  |              |          |              |          |          |                 |
|          | 104                                    |              |              |  |              |          |              |          |          |                 |
|          | 104<br>105                             |              |              |  |              |          |              |          |          |                 |
| L        | 106                                    |              |              |  |              |          |              |          | L        |                 |
|          | 107<br>108                             |              | _            |  |              |          |              |          | L        |                 |
|          | 108                                    | _            | _            |  |              |          |              |          | _        | $\dashv$        |
|          | 109<br>110<br>111<br>112<br>113        | H            | -            | H  |              |          | _            | <u> </u> |          | $\dashv$        |
|          | 110                                    | $\vdash$     | <u> </u>     | ├—   | <u> </u>     | -        | H            | _        | _        | $\dashv$        |
|          | 112                                    | $\vdash$     | $\vdash$     | ⊢  | $\vdash$     | -        | -            |          |          | -               |
|          | 112                                    | $\vdash$     | $\vdash$     | -  | -            |          |              |          |          |                 |
|          | 114                                    | H            | -            | -  |              |          | $\vdash$     |          | -        | $\dashv$        |
|          | 115                                    | $\vdash$     | -            | $\vdash$   |              |          | _            | -        | $\vdash$ | $\dashv$        |
|          | 114<br>115<br>116<br>117<br>118<br>119 | Н            | Н            | $\vdash$   |              |          |              | $\vdash$ | -        |                 |
|          | 117                                    |              |              |  |              |          |              | $\vdash$ | $\vdash$ |                 |
|          | 118                                    |              | Г            | Т  | Г            |          |              | $\vdash$ |          |                 |
|          | 119                                    |              |              |  |              |          |              |          |          |                 |
|          | 120                                    |              |              |  |              |          |              |          |          |                 |
|          | 121                                    |              |              |  |              |          |              |          |          |                 |
|          | 122                                    |              |              |  |              |          |              |          |          |                 |
|          | 123                                    |              | L            |  | L            |          | L            | L        |          |                 |
|          | 120<br>121<br>122<br>123<br>124<br>125 | $oxed{oxed}$ |              | <u> </u>   | _            |          | _            | L_       | L        |                 |
|          | 125                                    | L            |              | <u> </u>   |              |          |              |          |          |                 |
|          | 126                                    | <u> </u>     | L            | <u> </u>   | L            |          |              | <u> </u> | ļ        |                 |
|          | 127                                    | $\vdash$     | ļ            | <u> </u>   | H            |          | <u> </u>     | ⊢        | <u> </u> | Н               |
|          | 126<br>127<br>128<br>129               | ļ            | -            | $\vdash$   | H            |          | H            | ┝        | <u> </u> | $\vdash$        |
|          | 130                                    |              | -            | -  | H            |          | <del> </del> | ├        |          | $\vdash$        |
| <b>-</b> | 131                                    | ┝            | _            | $\vdash$   |              |          | ⊢            | ⊢        | _        | Н               |
| <u> </u> | 131<br>132<br>133                      | ├            | $\vdash$     | $\vdash$   | <del> </del> | _        | -            | -        | ┝        | Н               |
| -        | 133                                    |              | $\vdash$     | H  | Н            | $\vdash$ | $\vdash$     | H        | ┢        | $\neg$          |
| <u> </u> | 134                                    | Н            | $\vdash$     | <del>                                     </del> | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | ┢        | $\exists$       |
|          | 134<br>135                             | Г            | Т            | Т  | Г            |          | Г            | Т        | Г        | П               |
|          | 136                                    |              |              |  |              | Ī        | l -          | l -      |          |                 |
|          | 136<br>137                             |              |              |  |              |          |              |          |          |                 |
|          | 138                                    |              |              |  |              |          |              |          |          |                 |
|          | 139<br>140                             |              |              | <u> </u>   | $\Box$       |          | $\Box$       | 匚        | L        |                 |
|          | 140                                    |              | L_           |  |              |          | L            | L        |          |                 |
|          | 141                                    |              |              |  | L            |          | L            | L        | <u> </u> | Ш               |
| <u> </u> | 142                                    | <b> </b>     | <u> </u>     | lacksquare                                       | <u> </u>     | _        | ┞            | <u> </u> | <u> </u> | Ш               |
| <b></b>  | 143                                    | ├—           | ⊢            | <u> </u>   | <u> </u>     | <u> </u> | <u> </u>     | <u> </u> | ├—       | Ш               |
|          | 144                                    | $\vdash$     | <u> </u>     | <u> </u>   | _            | _        | <u> </u>     | -        | $\vdash$ | Ш               |
| <u> </u> | 145                                    | $\vdash$     | <del> </del> |  | $\vdash$     | -        | <u> </u>     |          | $\vdash$ | $\vdash \vdash$ |
|          | 146<br>147                             | ├            |              | -  | $\vdash$     | $\vdash$ | -            | $\vdash$ | ├-       | Н               |
| $\vdash$ | 148                                    | ⊢            | <del> </del> | $\vdash$   | $\vdash$     | -        | <del> </del> | ├        | $\vdash$ | Н               |
|          | 149                                    | ├            | ├            | -  |              | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash \vdash$ |
| $\vdash$ | 150                                    | <del> </del> | ┢┈           |  | <del> </del> | -        | $\vdash$     | $\vdash$ | ┢        | Н               |
| Щ.       | 130                                    | L            |              | Щ  | _            | L        | L            |          | _        | لـــا           |